



DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
FORT NORFOLK
803 FRONT STREET
NORFOLK VA 23510-1011

September 24, 2020

PRELIMINARY JURISDICTIONAL DETERMINATION

Southern Virginia Regulatory Section
NAO-2012-02369 (Kersey Creek, Totopotomoy Creek)

Mr. Phillip W. Dean, Air Park Associates, L.P.
C/O Timmons Group
1001 Boulders Parkway, Suite 300
Richmond, VA 23225

Dear Mr. Dean:

This letter is in response to your request for a preliminary jurisdictional determination of waters of the United States, including wetlands on linear project areas containing approximately 2.3 acres of land located along Ashcake Road and Sliding Hill Road in Hanover County, Virginia. Your request has been reviewed.

The enclosed maps prepared by Timmons Group, entitled, "Wetlands and Waters Delineation Map, Wegmans Distribution Center, Hanover County," Sheets 1 through 8, dated and received by this office on 9-21-20, and on file at this office provides the accurate location of waters of the United States, including wetlands. The basis for this delineation includes application of the Corps 1987 Wetland Delineation Manual, the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region, the presence of positive indicators of wetland hydrology, hydric soils, and hydrophytic vegetation, and the presence of an ordinary high water mark.

Discharges of dredged or fill material, including those associated with mechanized landclearing, into waters and/or wetlands on this site may require a Department of the Army permit and authorization by state and local authorities including a Virginia Water Protection Permit from the Virginia Department of Environmental Quality (DEQ), a permit from the Virginia Marine Resources Commission (VMRC) and/or a permit from your local wetlands board. This letter is a confirmation of the Corps preliminary jurisdiction for the waters and/or wetlands on the subject property and does not authorize any work in these areas. Please obtain all required permits before starting work in the delineated waters/wetland areas.

This is a preliminary jurisdictional determination and is therefore not a legally binding determination regarding whether Corps jurisdiction applies to the waters and wetlands in question. Accordingly, you may either consent to jurisdiction as set out in this preliminary jurisdictional determination, if you agree with the determination, or you may request and obtain an approved jurisdictional determination.

This delineation of waters and wetlands is valid for a period of five years from the date of this letter unless new information warrants revision prior to the expiration date.

If you have any questions, please contact Ms. Elaine Holley in the Richmond Field Office at 9100 Arboretum Parkway, Suite 235, Richmond, Virginia 23236, (804) 323-3781, elaine.k.holley@usace.army.mil.

Sincerely,

Elaine Holley

Digitally signed by Elaine
Holley
Date: 2020.09.24 12:25:36
-04'00'

Elaine K. Holley, Project Manager
Southern Virginia Regulatory Section

Enclosure

Copies furnished with enclosure:

Hanover County Department of Public Works, Hanover, VA
Virginia Department of Environmental Quality, Glen Allen, VA

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: 9-24-20

B. NAME AND ADDRESS OF PERSON REQUESTING PJD: Air Park Associates

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: 2012-02369 Wegmans

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:

(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: Virginia County/parish/borough: Hanover City:

Center coordinates of site (lat/long in degree decimal format):

Lat.: 37.711435 Long.: -77.423739

Universal Transverse Mercator: NAD 83

Name of nearest waterbody: Kersey Creek Totopotomoy Creek

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: 9-24-20

☐ Field Determination. Date(s): N/A

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
			0.002 Acre	PFO	
			0.034 Acre	PEM	
			250 LF	Ditch	

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "*may be*" waters of the U.S. and/or that there "*may be*" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

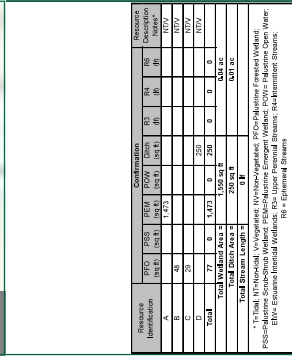
- ☒ Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
Map: _____
- ☒ Data sheets prepared/submitted by or on behalf of the PJD requestor.
☒ Office concurs with data sheets/delineation report.
☐ Office does not concur with data sheets/delineation report. Rationale: _____
- ☐ Data sheets prepared by the Corps: _____
- ☐ Corps navigable waters' study: _____
- ☐ U.S. Geological Survey Hydrologic Atlas: _____
☐ USGS NHD data.
☐ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: _____
- ☐ Natural Resources Conservation Service Soil Survey. Citation: _____
- ☐ National wetlands inventory map(s). Cite name: _____
- ☐ State/local wetland inventory map(s): _____
- ☐ FEMA/FIRM maps: _____
- ☐ 100-year Floodplain Elevation is: _____ (National Geodetic Vertical Datum of 1929)
- ☒ Photographs: ☒ Aerial (Name & Date): _____
or ☒ Other (Name & Date): _____
- ☐ Previous determination(s). File no. and date of response letter: _____
- ☐ Other information (please specify): _____

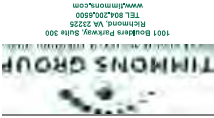
IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

Elaine Holley
Digitally signed by Elaine Holley
Date: 2020.09.24 13:55:04 -04'00'
Signature and date of
Regulatory staff member
completing PJD

9.28.2020
AIR PARK Assoc., LP
Phillip Dean, Gen Partner
Signature and date of
person requesting PJD
(REQUIRED, unless obtaining
the signature is impracticable)¹

¹ Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.





**WEGMANS DISTRIBUTION
CENTER
HANOVER COUNTY,
VIRGINIA**

PROJECT NAME & LOCATION

DATE 06/04/2006

PROJECT NUMBER
A3077

PROJECT NAME WEGMAN'S DISTRIBUTION CENTER	DESIGNED BY / DRAWN BY A. MEHEQUD
--	--------------------------------------

1. Waters of the U.S., within the project study limits have been located using submeter, Bluetooth GPS antennas by Timmons Group.
2. Waters of the U.S., have not been confirmed by the U.S. Army Corps of Engineers and stamped, U.S. Air Park Associates, L.P., Preliminary Jurisdictional Determination (NAO-201-202366), issued September 15, 2020
3. Project limits are approximate.
4. Topography based on USGS LONAR.
5. Cowardin Stream Classifications are based solely on field observations. No formal Stream assessment methodology was completed to determine Cowardin Stream Classifications.

These plans are associated documents and the subject property of THE JACOBS GROUP and may not be reproduced in whole or in part and shall not be used for any purpose whatsoever, inclusive but not limited to construction, bidding and/or construction without the express written consent of THE JACOBS GROUP.

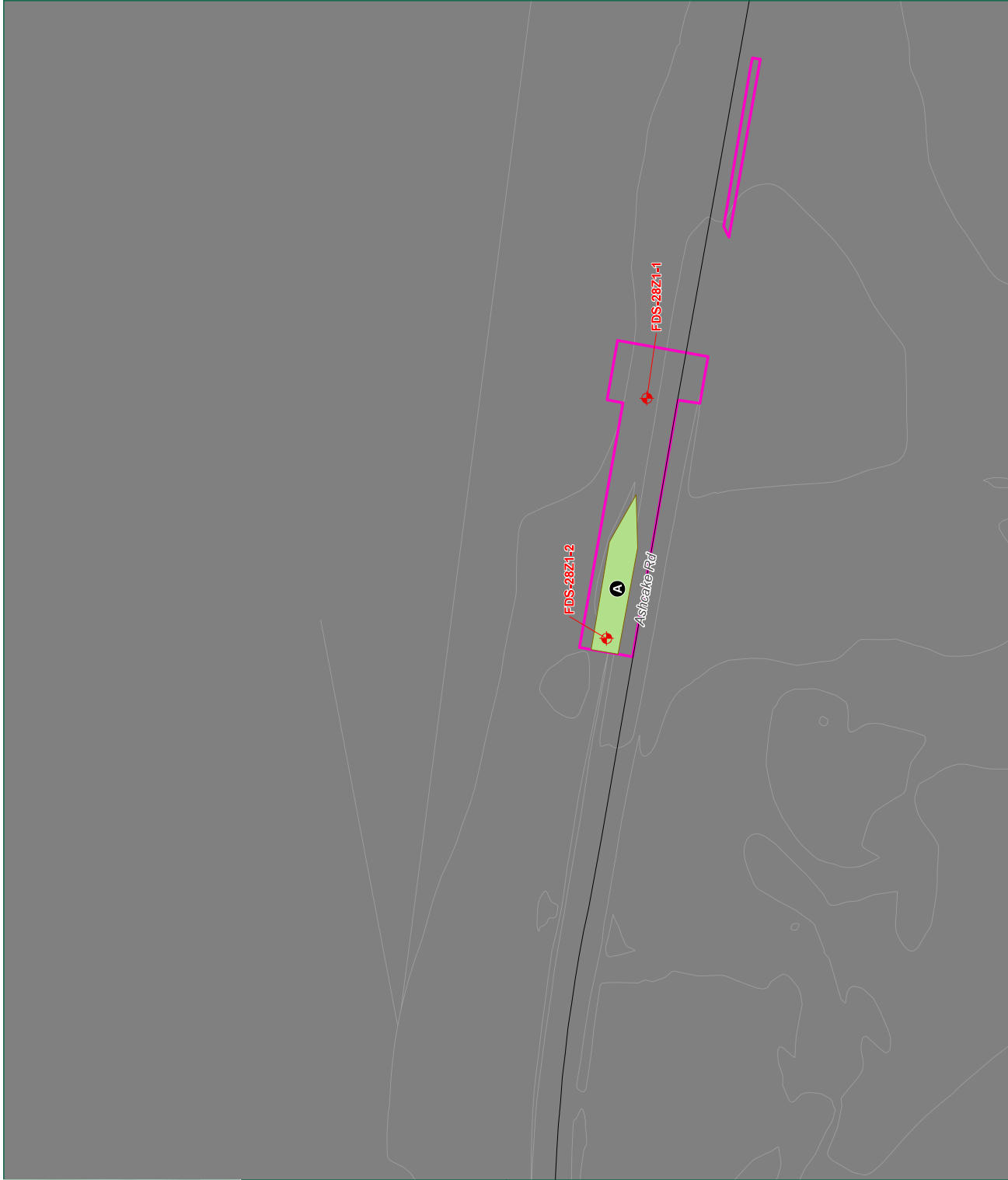
[illegible]WETLANDS AND
WATERS
DELINEATION MAP

SCALE (FEET)

30

SCALE	SHEET NUMBER
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H:1"=30'	3
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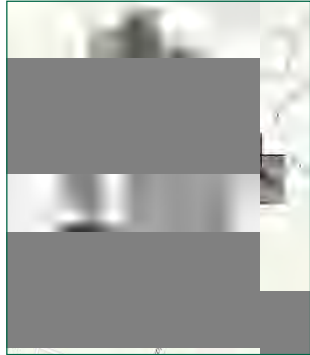
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	PFD (sec)	PSB (sec)	PEM (sec)	CPU (sec)	Disk (sec)	IO (sec)	R0 (sec)	R1 (sec)	R2 (sec)	R3 (sec)	R4 (sec)	
A	77	0	1473	0	258	0	0	0	0	0	0	
B	48	0	1473	0	258	0	0	0	0	0	0	
C	29	0	1473	0	258	0	0	0	0	0	0	
D	77	0	1473	0	258	0	0	0	0	0	0	
Total	77	0	1473	0	258	0	0	0	0	0	0	
Total Run Time	258 sec						258 sec					
Total Test Length	6 hr						6 hr					









* PFD: PFD=Physical, VFD=Virtual, PFD=Physical, PFD=Virtual, PFD=Physical

* T=Total, N1=Nonacidic, V=Vegetated, NV=Non-Vegetated, DF=On Pasture Forested Wetland, PSS=Palustrine Scrub-Shrub Wetland, PEM=Palustrine Emergent Wetland, POW= Palustrine Open Water, EHV= Estuarine Intertidal Wetlands, R3= Upper Perennial Streams, R4=Intermittent Streams, R6 = Ephemeral Streams

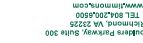
Legend

- Areas of Offsite Improvements - 2.3 Acres
- Air Park Associates, L.P. (NAO-2012-02369)
- Welland/Ditch Identifier
- Field Data Station
- Palustrine Emergent (PEM) Wetlands
- Palustrine Forested (PFO) Wetlands
- Ditch
- Existing Grading

[illegible]

- Legend**
-  Areas of Offsite Improvements - 2.3 Acres
 -  Air Park Associates, L.P. (NAO-2012-02389)
 -  Welland/Ditch Identifier
 -  Field Data Station
 -  Palustrine Emergent (PEM) Wetlands
 -  Palustrine Forested (PFO) Wetlands
 -  Ditch
 -  Existing Grading

H:1"=30'



HANOVER COUNTY,
VIRGINIA

DATE 09/21/2020

PROJECT NUMBER 43977

PROJECT NAME
WEGMANS DISTRIBUTION CENTER

DESIGNED BY / DRAWN BY
A. MEHFUD

1. Waters of the U.S., within the project study limits have been located using submeter, Bluetooth GPS antennas by Timmons Group.
2. Waters of the U.S. have not been confirmed by the U.S. Army Corps of Engineers and stamped, i.e., Air Park Associates, L.P., Preliminary Jurisdictional Determination (RAG-2015-023669), issued September 15, 2020
3. Project limits are approximate.
4. Topography based on USGS 60m DEM.
5. Stream Channel Classifications are based solely on field observations. No formal stream assessment methodology was completed to determine these Cowardin classifications.

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[illegible]

Downloaded from www.ascelibrary.org/
WETLANDS AND
WATERS
DELINEATION MAP



A vertical number line with tick marks at 0, 30, and 60.

SCALE	SHEET NUMBER
1:1 n = 20 "	6

H:1" = 30'	6
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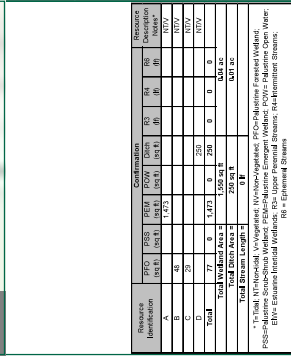


FDS-28Z1-4

[illegible]



Legend

- Areas of Offsite Improvements - 2.3 Acres
- Air Park Associates, L.P. (NAO-2012-02369)
- Welland/Ditch Identifier
- Field Data Station
- Palustrine Emergent (PEM) Wetlands
- Palustrine Forested (PFO) Wetlands
- Ditch
- Existing Grading



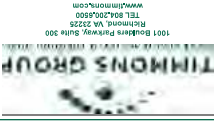
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Legend

-  Areas of Offsite Improvements - 2.3 Acres
-  Air Park Associates, L.P. (NAO-2012-02369)

Palustrine Forested (PFO) Wetlands
Ditch
Existing Grading

10



**WEGMANS DISTRIBUTION
CENTER
HANOVER COUNTY,
VIRGINIA**

DATE	09/21/2020
PROJECT NUMBER	43977
PROJECT NAME	WEGMAN'S DISTRIBUTION CENTER
DESIGNED BY / DRAWN BY	A. MENECAID

1. Waters of the U.S., within the project study limits are not being located using submeter, Bluetooth GPS antennas by Timmons Group.
2. Waters of the U.S. have not been confirmed by the U.S. Army Corps of Engineers until stamped, P.O. Air Park Associates, L.P., P.O. (Jurisdictional Determination (NAO-2015-262369), issued September 15, 2020)
4. Project limits are approximate.
5. Topography based on USGS LDNR.
6. Cowardin Stream Classifications are based solely on field observations. No formal stream assessment methodology was completed to determine these Cowardin Classifications.

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[illegible]WETLANDS AND
WATERS
DELINEATION MAP

SCALE (FEET)

PLANS PRINTED AS 11 X 17 ARE HALF SCALE	60
SCALE	30
H:1" = 30'	0
SHEET NUMBER	8

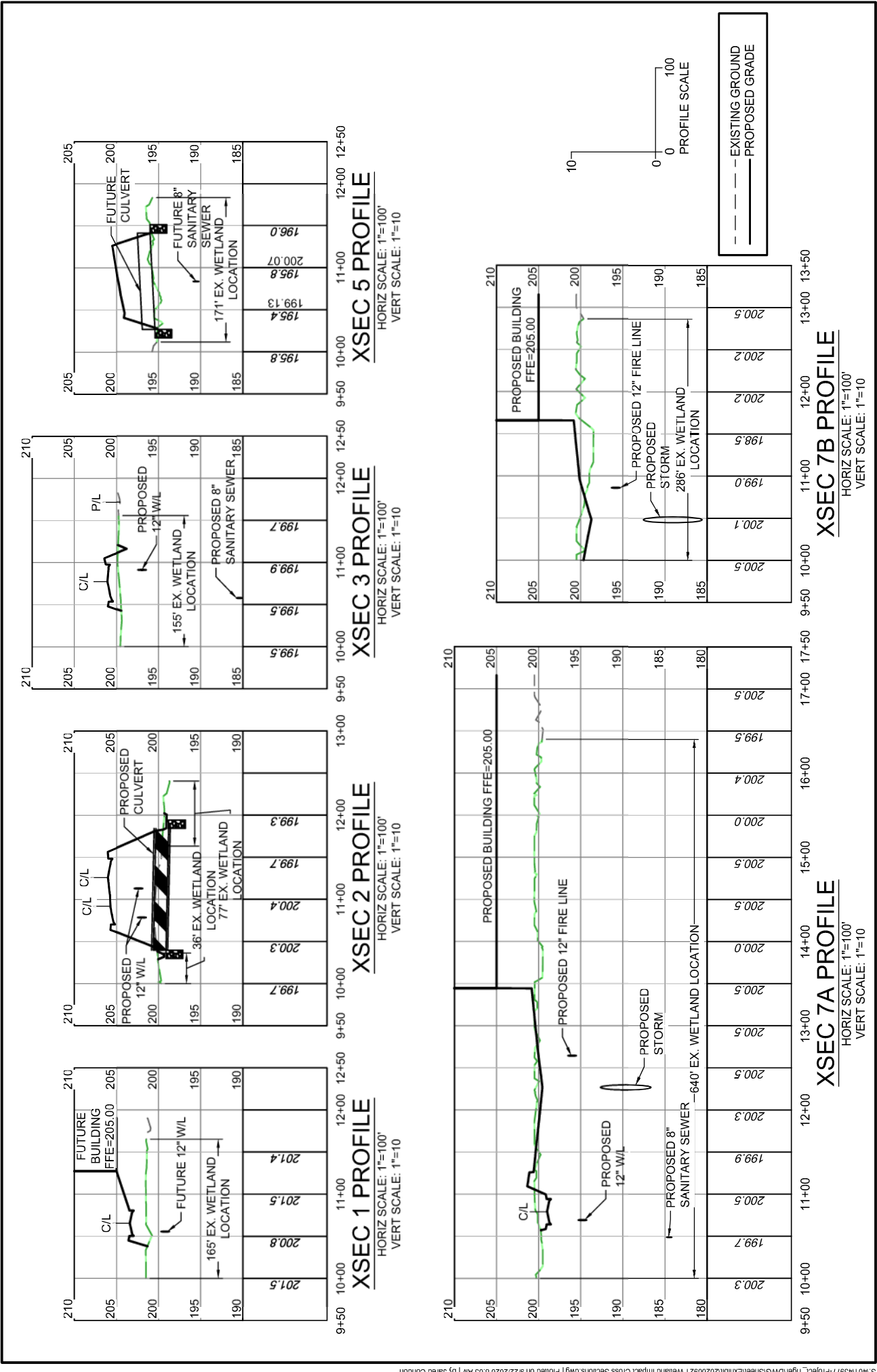
Resource Description	Performance										Resource Description	
	PRD (h)	PRS (h)	PEM (h)	CEM (h)	CEM (h)	CEM (h)	CEM (h)	CEM (h)	CEM (h)	CEM (h)	PRD (h)	PRS (h)
A	48				1,473							
B												
C	29											
D												
Total	77				1,473				250		0	0
Total Run	77				1,473				250		0	0
Total Run Length	77				1,473				250		0	0

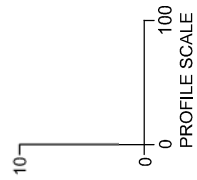
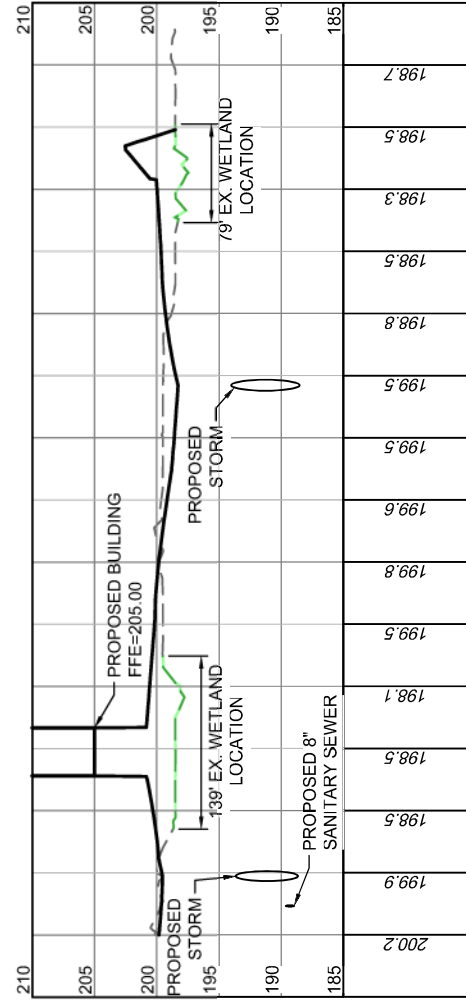
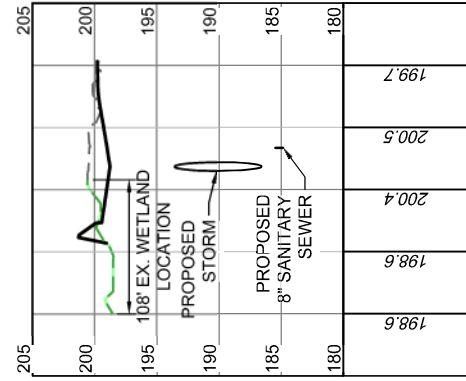
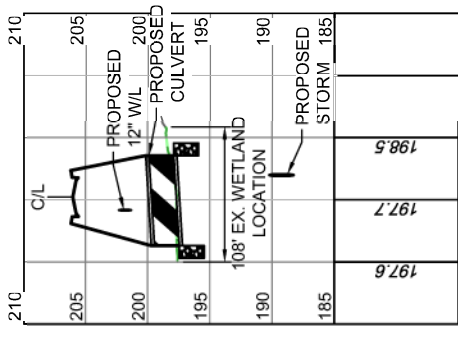
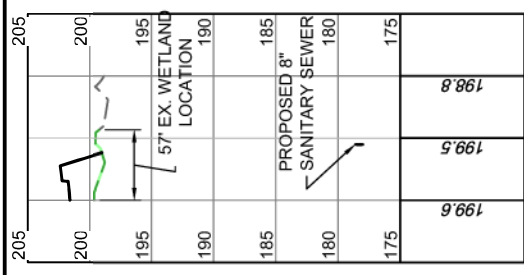
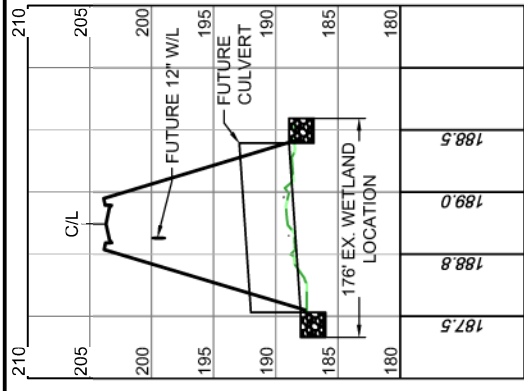
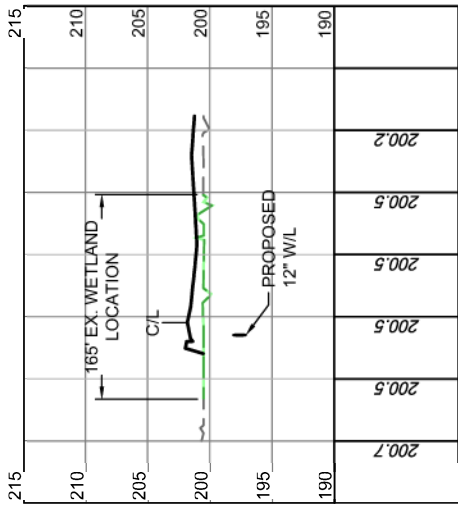
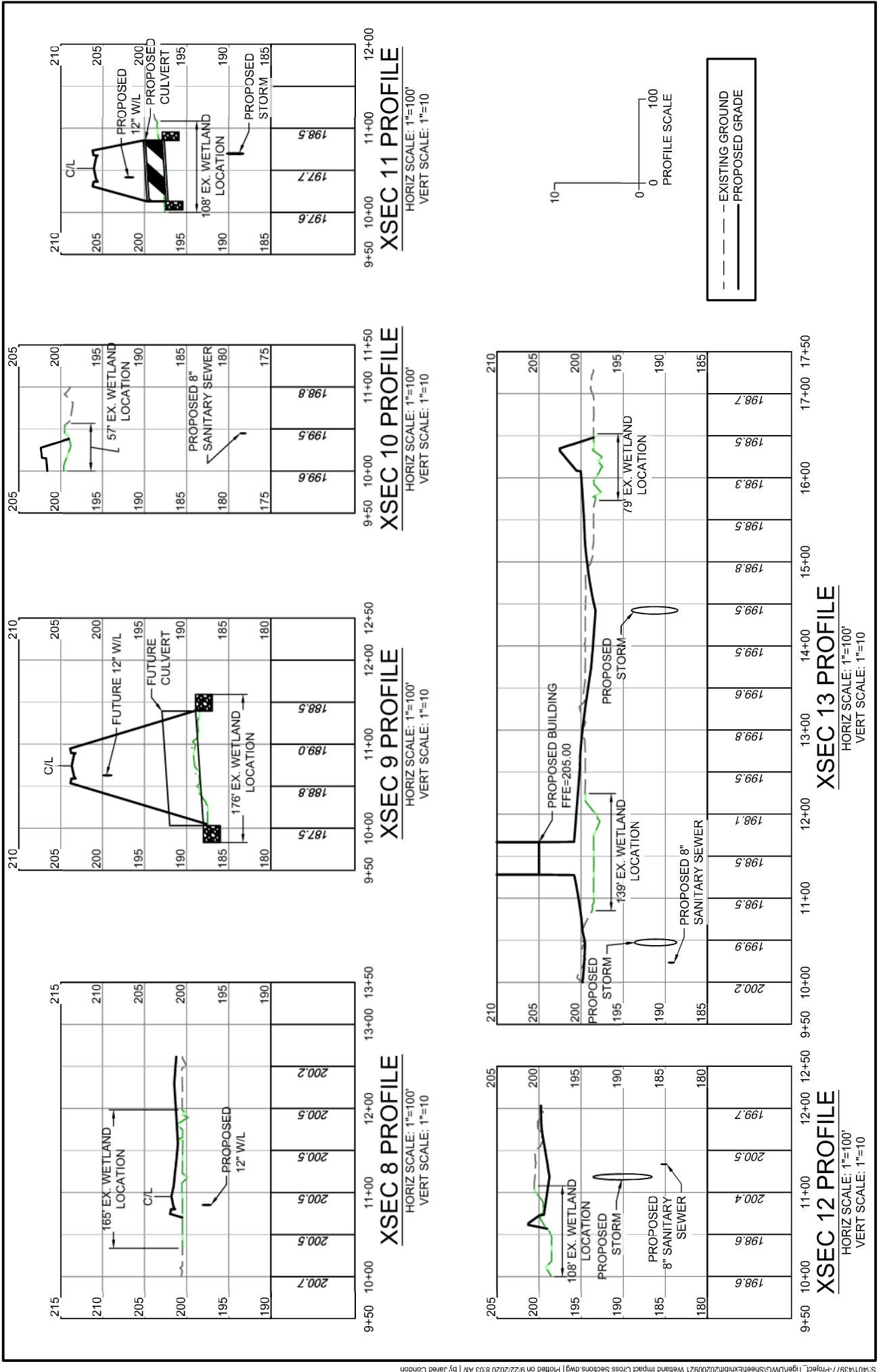
* PRD: PRD, PRD

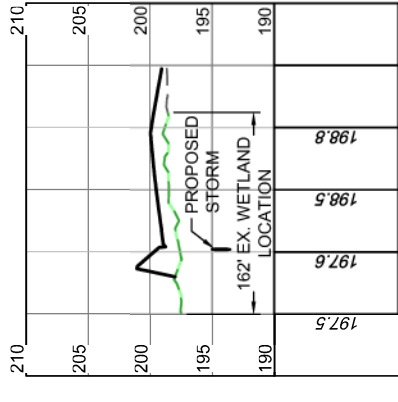
* T=Total, NT=Non-tidal, V=Vegetated, NV=Non-Vegetated, PF=Polistine Forested Wetland, PSS=Palustrine Scrub-Shrub Wetland, PEM=Palustrine Emergent Wetland, PCW=Palustrine Open Water, EHY=Estuarine Intertidal Wetlands, R3=Upper Perennial Streams, R4=Intermittent Streams, R6=Epifemial Streams

Legend

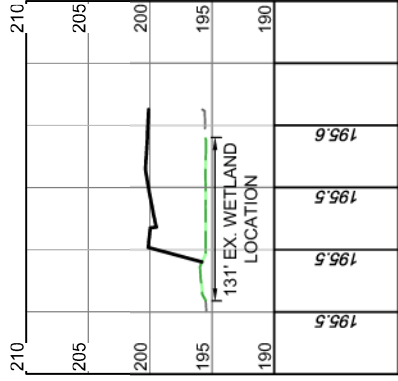
- Areas of Offsite Improvements - 2.3 Acres
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- Field Data Station
- Palustrine Emergent (PEM) Wetlands
- Palustrine Forested (PFO) Wetlands
- Ditch
- Existing Grading



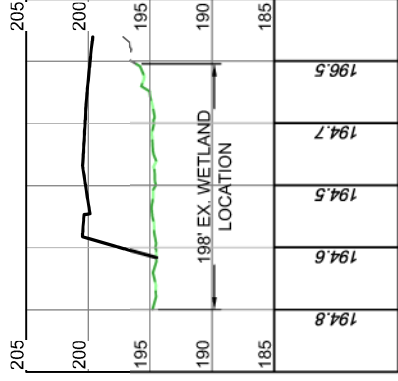




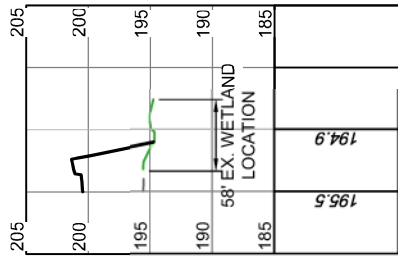
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 VERT SCALE: 1"=10'



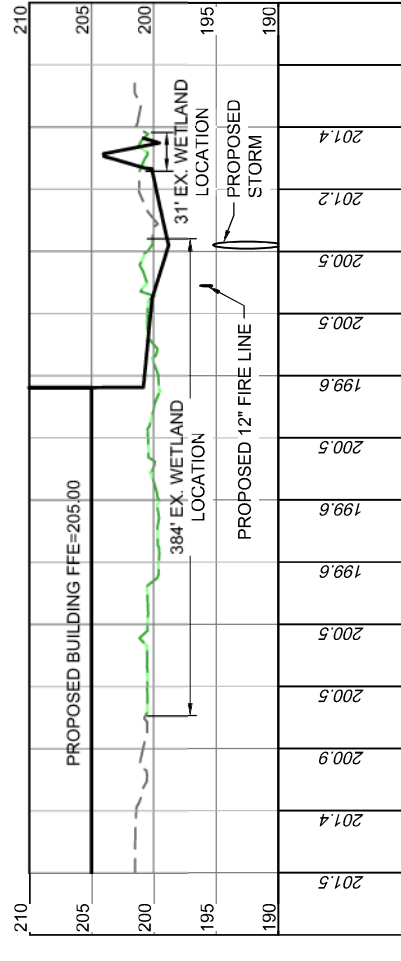
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 VERT SCALE: 1"=10'



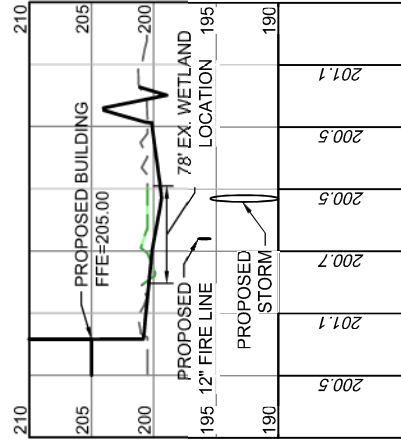
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 VERT SCALE: 1"=10'



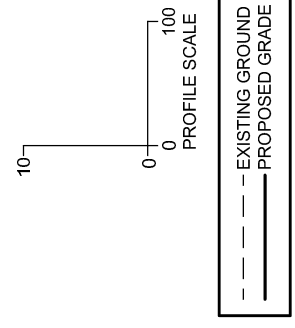
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 VERT SCALE: 1"=10'

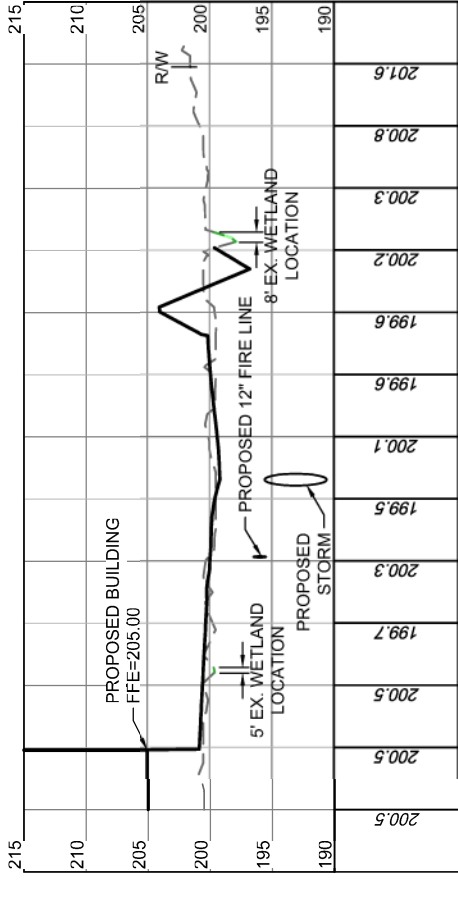


XSEC 18 PROFILE
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 VERT SCALE: 1"=10'

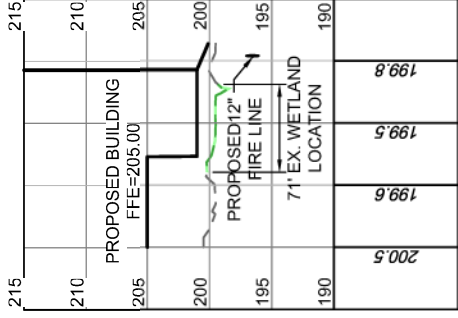


XSEC 19 PROFILE
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 VERT SCALE: 1"=10'

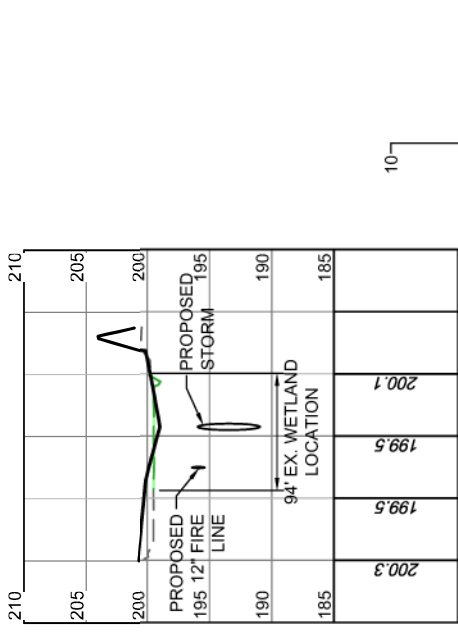




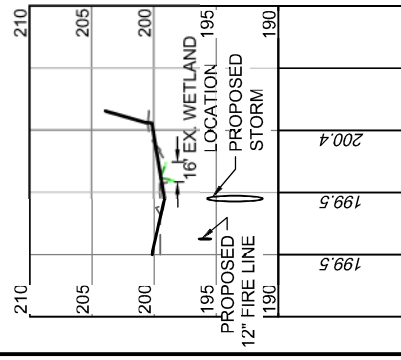
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 VERT SCALE: 1"=10'



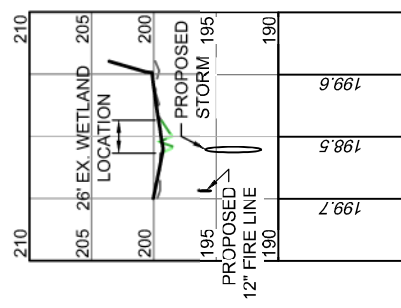
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 HORIZ SCALE: 1"=100'
 VERT SCALE: 1"=10'



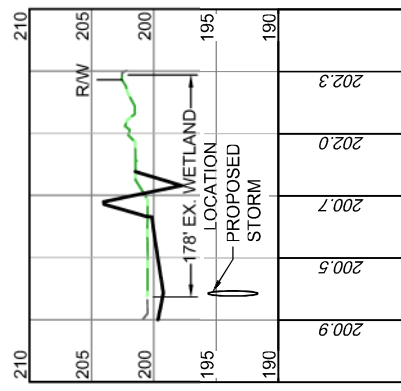
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 VERT SCALE: 1"=10'



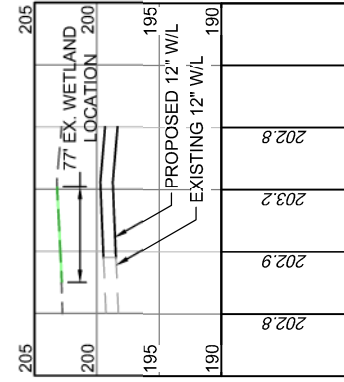
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 VERT SCALE: 1"=10'



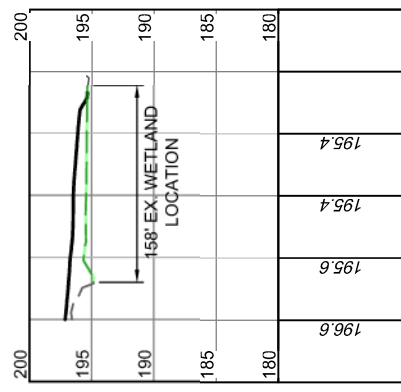
XSEC 24 PROFILE
 HORIZ SCALE: 1"=100'
 VERT SCALE: 1"=10'



XSEC 25 PROFILE
 HORIZ SCALE: 1"=100'
 VERT SCALE: 1"=10'



XSEC 26 PROFILE
 HORIZ SCALE: 1"=100'
 VERT SCALE: 1"=10'



XSEC 27 PROFILE
 HORIZ SCALE: 1"=100'
 VERT SCALE: 1"=10'



Jones, Bryan (DEQ)

From: Jones, Bryan <bryan.jones@deq.virginia.gov>
Sent: Friday, October 2, 2020 1:32 PM
To: doug.viets@wegmans.com
Cc: Matt Neely; Jaime Bauer Robb
Subject: 19-2036_Permit Application Fee Request
Attachments: 20201002_19-2036_Water_Permit_Fee_Form.docx

Dear Mr. Viets,

In accordance with 9 VAC 25-210-80 B.1.n, an additional permit application fee of \$19,140.00 is required to complete the application for the Wegmans Distribution Center project. DEQ will continue processing the permit application; however, a draft permit cannot be issued until the required permit application fee is deposited by the DEQ Receipts Control department. Checks or money orders should be made payable to the Treasurer of Virginia. Do not send cash. Please complete the attached Permit Application Fee Form and mail with the designated fee to the following address: DEQ, Receipts Control, P.O. Box 1104, Richmond, Virginia 23218.

Please be advised that as DEQ continues to process the permit application, additional information may still be needed.

Please let me know if you have any questions.

Respectfully,

Bryan Jones
Environmental Specialist
Virginia Water Protection Program
Department of Environmental Quality | Piedmont Region
4949-A Cox Road | Glen Allen, VA 23060
P: [\(804\) 527-5074](tel:(804)527-5074) | F: [\(804\) 527-5106](tel:(804)527-5106) | E: Bryan.Jones@deq.virginia.gov
www.deq.virginia.gov

INSTRUCTIONS

Applicants for individual Virginia Pollutant Discharge Elimination System (VPDES), Virginia Pollution Abatement (VPA), Virginia Water Protection (VWP), and Groundwater Withdrawal (GW) permits are required to pay permit application fees, with the exception of farming operations engaged in production for market and permits pertaining to maintenance dredging for federal navigation channels or other Corps of Engineers or Department of the Navy-sponsored dredging projects. Fees are also required for registration for coverage under most general permits (see Fee Schedule, page 4 of this form).

NOTE: This form is NOT appropriate for Virginia Stormwater Management Program (VSMP) Construction General Permit (VAR10) fee payments.

The permit Fee Schedule is included on pages 3-4 of this form, and includes fees for permit issuance, reissuance*, and for permit modification. Except for VWP permits, fees must be paid when applications are submitted. Applicants for VWP permits will be notified by the DEQ of the fee due. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

* Note: the reissuance fee does not apply to individual VPDES and VPA permits - see the fee schedule for details.

Once you have determined the fee for the type of application you are submitting, complete this form. The form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Environmental Quality
Receipts Control
P.O. Box 1104
Richmond, VA 23218

You should retain a copy of the form and your check for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

APPLICANT NAME:	
ADDRESS:	
DAYTIME PHONE: () Area Code	IRS EMPLOYER IDENTIFICATION NUMBER (EIN): [aka Federal Tax Identification Number (FIN)]
FACILITY/ACTIVITY NAME:	
LOCATION:	
TYPE OF PERMIT APPLIED FOR:	VWP Individual Permit - Bryan Jones, VWP Permit Writer
TYPE OF ACTION: <input checked="" type="checkbox"/> New Issuance <input type="checkbox"/> Reissuance <input type="checkbox"/> Modification	
AMOUNT OF FEE SUBMITTED (from Fee Schedule): \$ 19,140.00	
EXISTING PERMIT NUMBER (if applicable):	

<input type="checkbox"/> Abingdon/SWRO	<input type="checkbox"/> Harrisonburg/VRO	<input type="checkbox"/> Woodbridge/NRO	<input checked="" type="checkbox"/> Glen Allen/PRO
<input type="checkbox"/> Richmond/Headquarters	<input type="checkbox"/> Roanoke/BRRO	<input type="checkbox"/> Virginia Beach/TRO	

FOR DEQ USE ONLY	
Date:	DC#:

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FEE SCHEDULES

A. VPDES and VPA Individual Permits. Applications for issuance of new individual VPDES or VPA permits, and for permittee-initiated major modifications that become effective before the stated permit expiration date. (Flows listed are facility "design" flows. Land application rates listed are facility "design" rates.) [NOTE: VPDES and VPA permittees pay an Annual Permit Maintenance Fee (APMF) instead of a reapplication fee for reissuance, and the APMF is invoiced separately by DEQ.]

TYPE OF INDIVIDUAL PERMIT	ISSUANCE	MODIFICATION	LAND APP MOD
VPDES Industrial Major	\$24,000	\$12,000	
VPDES Municipal Major	\$21,300	\$10,650	\$1,000 ¹
VPDES Industrial Minor / No Standard Limits	\$10,200	\$5,100	
VPDES Industrial Minor / Standard Limits	\$3,300	\$3,300	
VPDES Industrial Stormwater	\$7,200	\$3,600	
VPDES Municipal Stormwater MS4 Individual (Large and Medium)	\$16,000	\$5,000	
VPDES Municipal Stormwater MS4 Individual (Small)	\$8,000	\$2,500	
VPDES Municipal Minor / Greater Than 100,000 GPD	\$7,500	\$3,750	\$1,000 ¹
VPDES Municipal Minor / 10,001 GPD - 100,000 GPD	\$6,000	\$3,000	\$1,000 ¹
VPDES Municipal Minor / 1,001 GPD - 10,000 GPD	\$5,400	\$2,700	\$1,000 ¹
VPDES Municipal Minor / 1,000 GPD or Less	\$2,000	\$1,000	
VPDES Municipal that includes authorization for land application, distribution, or marketing of biosolids or land disposal of sewage sludge	\$5,000 ¹	\$1,000 ¹	\$1,000 ¹
VPA Industrial Wastewater Operation / Land Application of 10 or More Inches Per Year	\$15,000	\$7,500	
VPA Industrial Wastewater Operation / Land Application of Less Than 10 Inches Per Year	\$10,500	\$5,250	
VPA Industrial Sludge Operation	\$7,500	\$3,750 ²	
VPA Municipal Wastewater Operation	\$13,500	\$6,750	
VPA Municipal Biosolids Operation	\$5,000	\$1,000 ^{2,3}	
VPA Combined Sludge Operation - Mun. Biosolids & Ind. Sludges (except WTP residuals)	\$7,500	\$3,750 ²	
All other VPA operations not specified above	\$750	\$375	

¹ To be paid in addition to any required VPDES issuance or modification fee. The modification fee shall apply for any addition of land application sites to a permit.

² The modification fee shall apply to any addition of land application sites to a permit.

³ When adding any industrial source (excluding water treatment plant residuals) to a permit that only authorizes the land application of municipal biosolids, the modification fee for a VPA combined sludge operation shall apply.

B. Virginia Water Protection (VWP) Individual Permits. Applications for issuance of new individual, and reissuance or major modification of existing individual VWP permits. Only one permit application fee will be assessed per application; for a permit application involving more than one of the operations described below, the governing fee shall be based upon the primary purpose of the proposed activity. (Withdrawal amounts shown are maximum daily withdrawals.)

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
VWP Individual / Surface Water Impacts (Wetlands, Streams and/or Open Water)	\$2,400 plus \$220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$60,000 maximum)	\$1,200 plus \$110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$30,000 maximum)
VWP Individual / Nonmetallic Mineral Mining	\$2,400 plus \$220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$7,500 maximum)	\$1,200 plus \$110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$3,750 maximum)
VWP Individual/Minimum Instream Flow – Surface Water Withdrawals equal to or greater than 3,000,000 gallons on any day	\$25,000	\$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals between 2,000,000 and 2,999,999 gallons on any day	\$20,000	\$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals between 1,000,000 and 1,999,999 gallons on any day	\$15,000	\$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals < 1,000,000 gallons on any day that do not otherwise qualify for a general VWP permit for water withdrawals	\$10,000	\$5,000
VWP Individual / Reservoir – Major (any new or expanded reservoir with greater than or equal to 17 acres of total surface water impacts (stream and wetlands), or a water	\$35,000	\$12,500

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
withdrawal of greater than or equal to 3,000,000 gallons in any one day)		
VWP Individual / Reservoir – Minor (any new or expanded reservoir with less than 17 acres of total surface water impacts (stream and wetlands), or a water withdrawal of less than 3,000,000 gallons in any one day)	\$25,000	\$12,500

C. Groundwater Withdrawal (GW) Individual Permits. Applications for issuance of new individual, and reissuance or major modification of existing individual GW permits.

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
Groundwater Withdrawal / Initial Permit for an Existing Withdrawal Based Solely on Historic Withdrawals	\$1,200	\$600
Groundwater Withdrawal – effective through 12/31/2018	\$6,000	\$3,000
Groundwater Withdrawal – effective 1/1/2019	\$9,000	\$3,000

D. Registration Statements (VPDES and VPA permits) or Applications (VWP permits) for General Permit Coverage.

TYPE OF GENERAL PERMIT	ISSUANCE
VPDES General Permit for Domestic Sewage Discharges Less Than or Equal to 1,000 GPD (VAG40)	Zero (\$0)
VPDES General Permit for Discharges from Petroleum Contaminated Sites, Groundwater Remediation & Hydrostatic Tests (VAG83)	Zero (\$0)
VPDES General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters of Virginia (VAG87)	Zero (\$0)
VPDES General Permit for Storm Water Discharges Associated with Industrial Activity (VAR05)	\$500
VPA General Permit for Pollutant Management Activities for Animal Feeding Operations and Animal Waste Management (VPG1)	Zero (\$0)
VPA General Permit for Poultry Waste Management (VPG2)	Zero (\$0)
VPDES General Permit for Concrete Product Facilities (VAG11)	\$600
VPDES General Permit for Noncontact Cooling Water Discharges of 50,000 GPD or Less (VAG25)	\$600
VPDES General Permit for Seafood Processing Facilities (VAG52)	\$600
VPDES General Permit for Potable Water Treatment Plants (VAG64)	\$600
VPDES General Permit for Vehicle Wash Facilities and Laundry Facilities (VAG75)	\$600
VPDES General Permit for Nonmetallic Mineral Mining (VAG84)	\$600
VPDES General Permit for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Watershed in Virginia (VAN)	\$600
VPDES General Permit for Municipal Separate Storm Sewer Systems (MS4) – Small (VAR04)	\$4000
VWP General / Less Than 4,356 sq. ft. (1/10 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$0
VWP General / 4,356 sq. ft. to 21,780 sq. ft. (1/10 acre to 1/2 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$600
VWP General / 21,781 sq. ft. to 43,560 sq. ft. (greater than 1/2 acre to one acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$1,200
VWP General / 43,561 sq. ft. to 87,120 sq. ft. (greater than one acre to two acres) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$1,200 plus \$120 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 43,560 sq. ft. (one acre) (\$2,400 maximum)
VWP General / Minimum Instream Flow / Reservoir - Water withdrawals and/or pond construction	\$2,400

NOTE: This form is NOT appropriate for Virginia Stormwater Management Program (VSMP) Construction General Permit (VAR10) fee payments. Please refer to the following web site hyperlink to obtain appropriate VAR10 permit fee forms:

[Hyperlink to the DEQ Virginia Stormwater Management, Construction Stormwater Permit Program website.](#)



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE

4949-A Cox Road, Glen Allen, Virginia 23060

(804) 527-5020 Fax (804) 527-5106

www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director

James J. Golden
Regional Director

October 7, 2020

Wegmans Food Markets, Inc.
Attn: Mr. Douglas Viets
1500 Brooks Avenue, P.O. Box 30844
Rochester, NY 14603-0844

Transmitted electronically to: doug.viets@wegmans.com

RE: Joint Permit Application Number 19-2036
Wegmans Distribution Center, Hanover County, Virginia
Additional Information Request Letter

Dear Mr. Viets:

The Virginia Department of Environmental Quality (DEQ) has reviewed the information submitted in September 2020 and is requesting additional information.

Regarding the offsite alternatives analyses, please provide additional details explaining why the following site improvements are necessary for each alternative site:

- a. Alternative 1 (Flippo):
 - i. Sanitary Trunk Sewer Extension Along Little River
 - ii. I-95 Bore for Sanitary Main Extension
- b. Alternative 2 (Blenheim)
 - i. Sanitary Pump Station and Force Main
 - ii. I-95 Bore for Force Main Extension
 - iii. Road Improvements for Ellet's Crossing and Hickory Hill Road
 - iv. 12" Water Main Extension Along Hickory Hill Road
 - v. I-95 Bore for Water Main Extension
- c. Alternative 3 (Archie Cannon)
 - i. Extension of Hill Carter Parkway
 - ii. Signalization of Archie Cannon Drive and Route 1
 - iii. Sanitary Sewer Relocation

- d. Alternative 4 (Graymont)
 - i. Sanitary Pump Station and Force Main
 - ii. Site retaining wall
 - iii. Road Improvements for Ellet's Crossing and Hickory Hill Road

For road improvements, please describe the current road conditions and configurations and what improvements are necessary to enable the use of the site for a distribution center. For water and sewer utility improvements, please describe what unique factors about the site necessitate the installation of force mains and pump stations. Such information may include but is not limited to, topographic limitations, geographic locations relative existing utilities, and volume of anticipated usage. Please explain if any of these improvements are a requirement of the locality or the Virginia Department of Transportation or are necessary to conform to the standards of these organizations.

Please be advised that as DEQ continues to review the supplemental application materials, additional information may still be needed.

Please contact me by phone at (804) 527-5086 or by email at Jaime.Robb@deq.virginia.gov if you have any questions or concerns regarding this request. Thank you for your cooperation in this matter.

Respectfully,

Jaime B. Robb

Jaime B. Robb
Regional Virginia Water Protection Manager

Cc: Matt Neely, Timmons Group – VIA EMAIL
Todd Miller, U.S. Army Corps of Engineers – VIA EMAIL
Elaine Holley, U.S. Army Corps of Engineers – VIA EMAIL
Bryan Jones, DEQ – VIA EMAIL

Jones, Bryan (DEQ)

From: Matt Neely <Matt.Neely@timmons.com>
Sent: Wednesday, October 7, 2020 11:46 AM
To: bryan.jones@deq.virginia.gov
Cc: Robb, Jaime Bauer
Subject: Correction and Remaining Surface Waters
Attachments: WTIM.pdf; Impact Table Rev 10072020.pdf; 10072020 Compensation Table Revised.pdf

Bryan,

During a review of remaining surface waters (unimpacted) on site. We found an error in our table where a number was inflected (typo). Impact 15 has been corrected from 1,037 to 1,307 square feet. The attached map, tables, and compensatory mitigation calculations (unchanged) are attached.

Note: the remaining surface waters onsite (unimpacted) total 657,486 square feet or 15.1 acres.

Regards,
Matt

Matt Neely, PWD

Senior Environmental Project Manager

TIMMONS GROUP | www.timmons.com

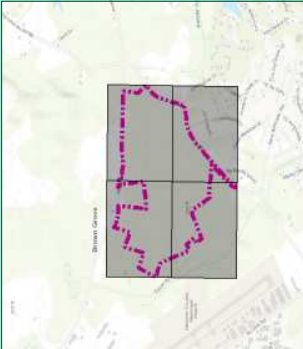
1001 Boulders Parkway, Suite 300 | Richmond, VA 23225

Office: 804.200.6369 | Fax: 804.560.1648

Mobile: 757.329.0573 | matt.neely@timmons.com

Your Vision Achieved Through Ours

To send me files greater than 20MB [click here](#).



Project ID	Wetland (Ac. +/-)				Impacts Table		Notes
	Temporary	Permanent	Secondary	Palustrine	Temporary	Permanent	
1	2,000	6,000	1,000	1,000	2,000	6,000	
2	2,000	6,000	1,000	1,000	2,000	6,000	
3	2,000	6,000	1,000	1,000	2,000	6,000	
4	2,000	6,000	1,000	1,000	2,000	6,000	
5	2,000	6,000	1,000	1,000	2,000	6,000	
6	2,000	6,000	1,000	1,000	2,000	6,000	
7	2,000	6,000	1,000	1,000	2,000	6,000	
8	2,000	6,000	1,000	1,000	2,000	6,000	
9	2,000	6,000	1,000	1,000	2,000	6,000	
10	2,000	6,000	1,000	1,000	2,000	6,000	
11	2,000	6,000	1,000	1,000	2,000	6,000	
12	2,000	6,000	1,000	1,000	2,000	6,000	
13	2,000	6,000	1,000	1,000	2,000	6,000	
14	2,000	6,000	1,000	1,000	2,000	6,000	
15	2,000	6,000	1,000	1,000	2,000	6,000	
16	2,000	6,000	1,000	1,000	2,000	6,000	
17	2,000	6,000	1,000	1,000	2,000	6,000	
18	2,000	6,000	1,000	1,000	2,000	6,000	
19	2,000	6,000	1,000	1,000	2,000	6,000	
20	2,000	6,000	1,000	1,000	2,000	6,000	
21	2,000	6,000	1,000	1,000	2,000	6,000	
22	2,000	6,000	1,000	1,000	2,000	6,000	
23	2,000	6,000	1,000	1,000	2,000	6,000	
24	2,000	6,000	1,000	1,000	2,000	6,000	
25	2,000	6,000	1,000	1,000	2,000	6,000	
26	2,000	6,000	1,000	1,000	2,000	6,000	
27	2,000	6,000	1,000	1,000	2,000	6,000	
28	2,000	6,000	1,000	1,000	2,000	6,000	
29	2,000	6,000	1,000	1,000	2,000	6,000	
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31	2,000	6,000	1,000	1,000	2,000	6,000	
32	2,000	6,000	1,000	1,000	2,000	6,000	
33	2,000	6,000	1,000	1,000	2,000	6,000	
34	2,000	6,000	1,000	1,000	2,000	6,000	
35	2,000	6,000	1,000	1,000	2,000	6,000	
36	2,000	6,000	1,000	1,000	2,000	6,000	
37	2,000	6,000	1,000	1,000	2,000	6,000	
38	2,000	6,000	1,000	1,000	2,000	6,000	
39	2,000	6,000	1,000	1,000	2,000	6,000	
40	2,000	6,000	1,000	1,000	2,000	6,000	
41	2,000	6,000	1,000	1,000	2,000	6,000	
42	2,000	6,000	1,000	1,000	2,000	6,000	
43	2,000	6,000	1,000	1,000	2,000	6,000	
44	2,000	6,000	1,000	1,000	2,000	6,000	
45	2,000	6,000	1,000	1,000	2,000	6,000	
46	2,000	6,000	1,000	1,000	2,000	6,000	
47	2,000	6,000	1,000	1,000	2,000	6,000	
48	2,000	6,000	1,000	1,000	2,000	6,000	
49	2,000	6,000	1,000	1,000	2,000	6,000	
50	2,000	6,000	1,000	1,000	2,000	6,000	
51	2,000	6,000	1,000	1,000	2,000	6,000	
52	2,000	6,000	1,000	1,000	2,000	6,000	
53	2,000	6,000	1,000	1,000	2,000	6,000	
54	2,000	6,000	1,000	1,000	2,000	6,000	
55	2,000	6,000	1,000	1,000	2,000	6,000	
56	2,000	6,000	1,000	1,000	2,000	6,000	
57	2,000	6,000	1,000	1,000	2,000	6,000	
58	2,000	6,000	1,000	1,000	2,000	6,000	
59	2,000	6,000	1,000	1,000	2,000	6,000	
60	2,000	6,000	1,000	1,000	2,000	6,000	
61	2,000	6,000	1,000	1,000	2,000	6,000	
62	2,000	6,000	1,000	1,000	2,000	6,000	
63	2,000	6,000	1,000	1,000	2,000	6,000	
64	2,000	6,000	1,000	1,000	2,000	6,000	
65	2,000	6,000	1,000	1,000	2,000	6,000	
66	2,000	6,000	1,000	1,000	2,000	6,000	
67	2,000	6,000	1,000	1,000	2,000	6,000	
68	2,000	6,000	1,000	1,000	2,000	6,000	
69	2,000	6,000	1,000	1,000	2,000	6,000	
70	2,000	6,000	1,000	1,000	2,000	6,000	
71	2,000	6,000	1,000	1,000	2,000	6,000	
72	2,000	6,000	1,000	1,000	2,000	6,000	
73	2,000	6,000	1,000	1,000	2,000	6,000	
74	2,000	6,000	1,000	1,000	2,000	6,000	
75	2,000	6,000	1,000	1,000	2,000	6,000	
76	2,000	6,000	1,000	1,000	2,000	6,000	
77	2,000	6,000	1,000	1,000	2,000	6,000	
78	2,000	6,000	1,000	1,000	2,000	6,000	
79	2,000	6,000	1,000	1,000	2,000	6,000	
80	2,000	6,000	1,000	1,000	2,000	6,000	
81	2,000	6,000	1,000	1,000	2,000	6,000	
82	2,000	6,000	1,000	1,000	2,000	6,000	
83	2,000	6,000	1,000	1,000	2,000	6,000	
84	2,000	6,000	1,000	1,000	2,000	6,000	
85	2,000	6,000	1,000	1,000	2,000	6,000	
86	2,000	6,000	1,000	1,000	2,000	6,000	
87	2,000	6,000	1,000	1,000	2,000	6,000	
88	2,000	6,000	1,000	1,000	2,000	6,000	
89	2,000	6,000	1,000	1,000	2,000	6,000	
90	2,000	6,000	1,000	1,000	2,000	6,000	
91	2,000	6,000	1,000	1,000	2,000	6,000	
92	2,000	6,000	1,000	1,000	2,000	6,000	
93	2,000	6,000	1,000	1,000	2,000	6,000	
94	2,000	6,000	1,000	1,000	2,000	6,000	
95	2,000	6,000	1,000	1,000	2,000	6,000	
96	2,000	6,000	1,000	1,000	2,000	6,000	
97	2,000	6,000	1,000	1,000	2,000	6,000	
98	2,000	6,000	1,000	1,000	2,000	6,000	
99	2,000	6,000	1,000	1,000	2,000	6,000	
100	2,000	6,000	1,000	1,000	2,000	6,000	

Legend

Project Study Limits - 219.6 Acres
Limits of Disturbance - 128.5 Acres

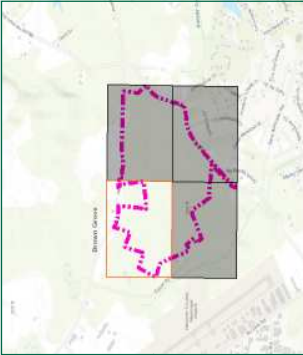
Wetland/Ditch Impact

- Permanent Wetland/Ditch Impact
- Temporary Wetland/Ditch Impact
- Secondary Wetland/Ditch Impact
- Palustrine Forested (PFO) Wetlands
- Palustrine Emergent (PEM) Wetlands
- Palustrine Scrub-Shrub (PSS) Wetlands
- Ditch

Proposed RIPRAP

- Property Setback
- Proposed Fence
- Proposed Ditch
- Proposed Utility Easement
- Proposed Culverts
- Proposed UGP
- Proposed Sanitary Sewer
- Proposed Gas Pipe
- Proposed Water Pipe
- Proposed Grading
- Existing Grading





Project ID	Wetland (Ac. +/-)	Impacts Table		Net Wetland Impact
		Temporary	Permanent	
1	1.00	0.00	0.00	0.00
2A	1.00	0.00	0.00	0.00
2B	1.00	0.00	0.00	0.00
3A	1.00	0.00	0.00	0.00
3B	1.00	0.00	0.00	0.00
4A	1.00	0.00	0.00	0.00
4B	1.00	0.00	0.00	0.00
5	1.00	0.00	0.00	0.00
6	1.00	0.00	0.00	0.00
9A	1.00	0.00	0.00	0.00
26	1.00	0.00	0.00	0.00
27	1.00	0.00	0.00	0.00
28	1.00	0.00	0.00	0.00
29	1.00	0.00	0.00	0.00
30	1.00	0.00	0.00	0.00
31	1.00	0.00	0.00	0.00
32	1.00	0.00	0.00	0.00
33	1.00	0.00	0.00	0.00
34	1.00	0.00	0.00	0.00
35	1.00	0.00	0.00	0.00
36	1.00	0.00	0.00	0.00
37	1.00	0.00	0.00	0.00
38	1.00	0.00	0.00	0.00
39	1.00	0.00	0.00	0.00
40	1.00	0.00	0.00	0.00
41	1.00	0.00	0.00	0.00
42	1.00	0.00	0.00	0.00
43	1.00	0.00	0.00	0.00
44	1.00	0.00	0.00	0.00
45	1.00	0.00	0.00	0.00
46	1.00	0.00	0.00	0.00
47	1.00	0.00	0.00	0.00
48	1.00	0.00	0.00	0.00
49	1.00	0.00	0.00	0.00
50	1.00	0.00	0.00	0.00
51	1.00	0.00	0.00	0.00
52	1.00	0.00	0.00	0.00
53	1.00	0.00	0.00	0.00
54	1.00	0.00	0.00	0.00
55	1.00	0.00	0.00	0.00
56	1.00	0.00	0.00	0.00
57	1.00	0.00	0.00	0.00
58	1.00	0.00	0.00	0.00
59	1.00	0.00	0.00	0.00
60	1.00	0.00	0.00	0.00
61	1.00	0.00	0.00	0.00
62	1.00	0.00	0.00	0.00
63	1.00	0.00	0.00	0.00
64	1.00	0.00	0.00	0.00
65	1.00	0.00	0.00	0.00
66	1.00	0.00	0.00	0.00
67	1.00	0.00	0.00	0.00
68	1.00	0.00	0.00	0.00
69	1.00	0.00	0.00	0.00
70	1.00	0.00	0.00	0.00
71	1.00	0.00	0.00	0.00
72	1.00	0.00	0.00	0.00
73	1.00	0.00	0.00	0.00
74	1.00	0.00	0.00	0.00
75	1.00	0.00	0.00	0.00
76	1.00	0.00	0.00	0.00
77	1.00	0.00	0.00	0.00
78	1.00	0.00	0.00	0.00
79	1.00	0.00	0.00	0.00
80	1.00	0.00	0.00	0.00
81	1.00	0.00	0.00	0.00
82	1.00	0.00	0.00	0.00
83	1.00	0.00	0.00	0.00
84	1.00	0.00	0.00	0.00
85	1.00	0.00	0.00	0.00
86	1.00	0.00	0.00	0.00
87	1.00	0.00	0.00	0.00
88	1.00	0.00	0.00	0.00
89	1.00	0.00	0.00	0.00
90	1.00	0.00	0.00	0.00
91	1.00	0.00	0.00	0.00
92	1.00	0.00	0.00	0.00
93	1.00	0.00	0.00	0.00
94	1.00	0.00	0.00	0.00
95	1.00	0.00	0.00	0.00
96	1.00	0.00	0.00	0.00
97	1.00	0.00	0.00	0.00
98	1.00	0.00	0.00	0.00
99	1.00	0.00	0.00	0.00
100	1.00	0.00	0.00	0.00

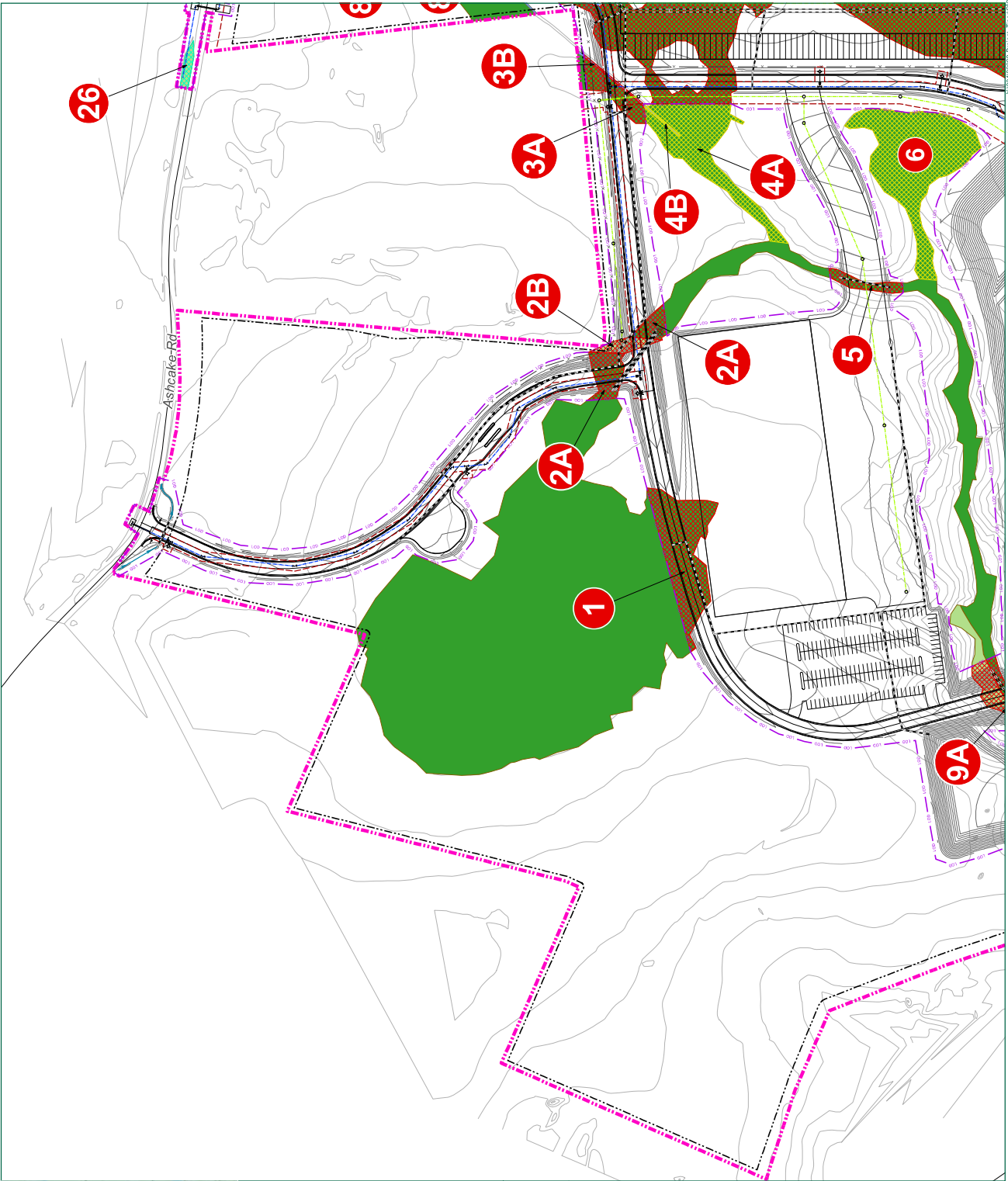
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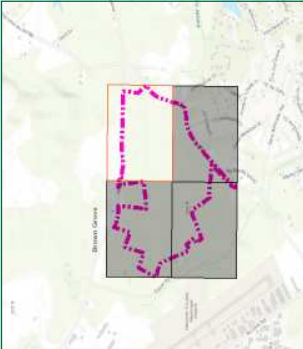
Project Study Limits - 219.6 Acres

Limits of Disturbance - 128.5 Acres

Wetland/Ditch Impact

- Permanent Wetland/Ditch Impact
- Temporary Wetland/Ditch Impact
- Secondary Wetland/Ditch Impact
- Palustrine Forested (PFO) Wetlands
- Palustrine Emergent (PEM) Wetlands
- Palustrine Scrub-Shrub (PSS) Wetlands
- Ditch
- Proposed RIPRAP
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- Proposed Sanitary Sewer
- Proposed Gas Pipe
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- Proposed Grading
- Existing Grading

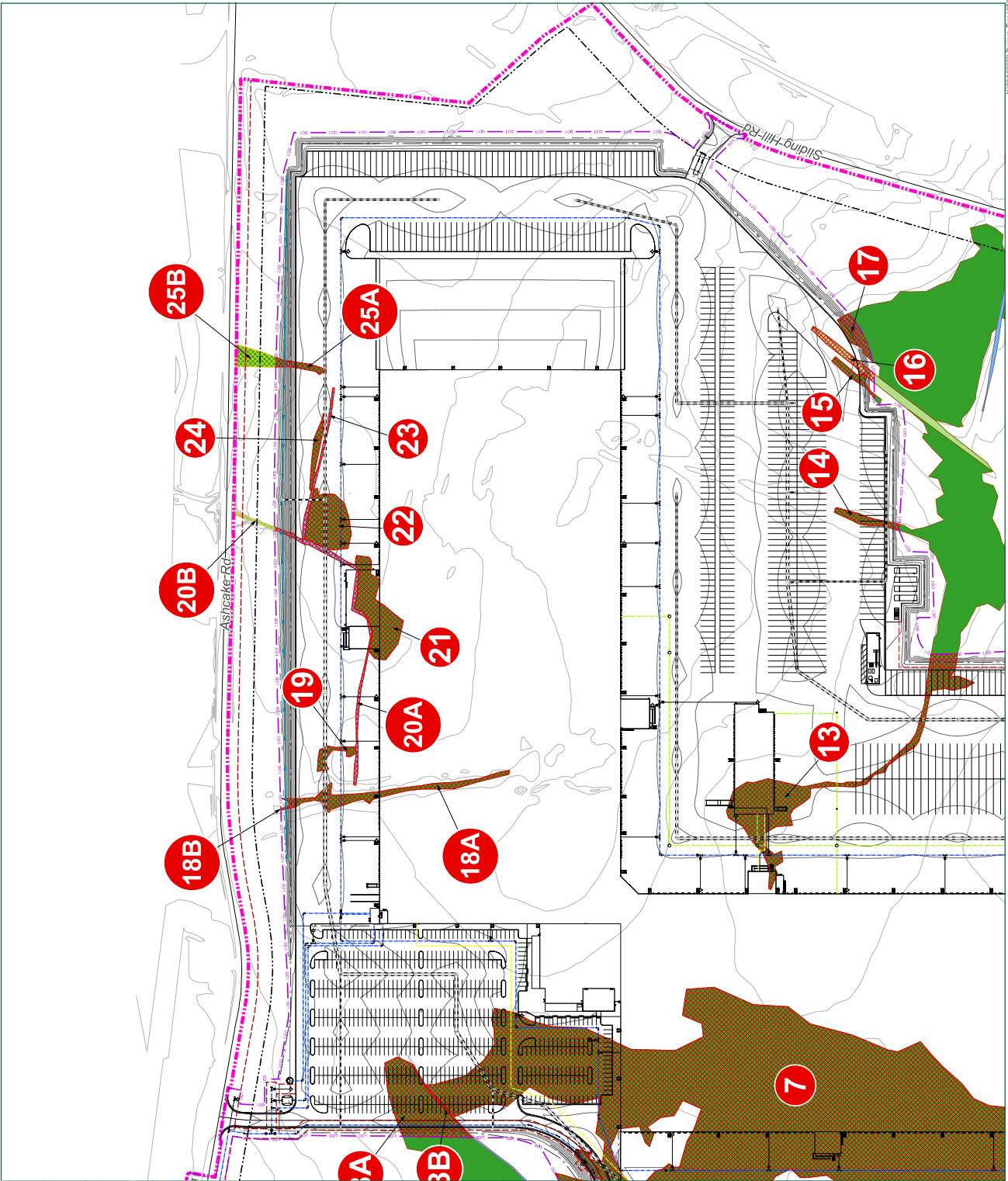


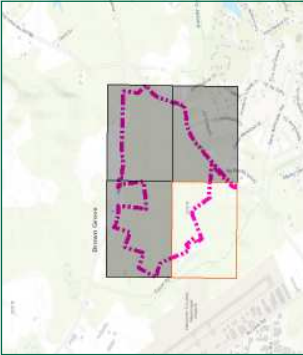


Project ID	Wetland (Ac. +/-)				Impacts Table	
	Temporary	Permanent	Secondary	Secondary Impact	Permanent Impact	Secondary Impact
1	6.200	0.000	0.000	0.000	0.000	0.000
2	2.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000
63	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000
81	0.000	0.000	0.000	0.000	0.000	0.000
82	0.000	0.000	0.000	0.000	0.000	0.000
83	0.000	0.000	0.000	0.000	0.000	0.000
84	0.000	0.000	0.000	0.000	0.000	0.000
85	0.000	0.000	0.000	0.000	0.000	0.000
86	0.000	0.000	0.000	0.000	0.000	0.000
87	0.000	0.000	0.000	0.000	0.000	0.000
88	0.000	0.000	0.000	0.000	0.000	0.000
89	0.000	0.000	0.000	0.000	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000	0.000
91	0.000	0.000	0.000	0.000	0.000	0.000
92	0.000	0.000	0.000	0.000	0.000	0.000
93	0.000	0.000	0.000	0.000	0.000	0.000
94	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.000	0.000	0.000	0.000
98	0.000	0.000	0.000	0.000	0.000	0.000
99	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000

Legend

- Project Study Limits - 219.6 Acres
- Limits of Disturbance - 128.5 Acres
- Wetland/Ditch Impact
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- Proposed Culverts
- Proposed UGP
- Proposed Sanitary Sewer
- Proposed Gas Pipe
- Proposed Water Pipe
- Proposed Grading
- Existing Grading





Project ID	Wetland (Ac. +/-)				Impacts Table		Net Impact
	Temporary	Permanent	Secondary	Secondary Impact	Permanent Impact	Secondary Impact	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2B	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1,472 ac +/-	161 ac +/-	1,311 ac +/-	1,448 ac +/-	6,114 ac +/-	6,114 ac +/-	775 ac +/-

Legend

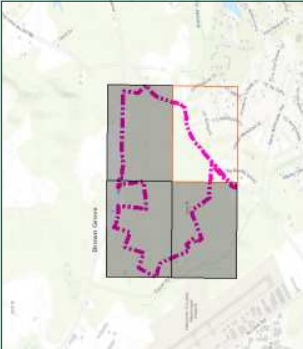
Project Study Limits - 219.6 Acres

Limits of Disturbance - 128.5 Acres

Wetland/Ditch Impact

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- Proposed UGP
- Proposed Sanitary Sewer
- Proposed Gas Pipe
- Proposed Water Pipe
- Proposed Grading
- Existing Grading





Project ID	Wetland (ac. ft.)				Impervious Total		Total Impact
	Temporary	Permanent	Secondary	Permanent	Secondary	Permanent	
1	6.400	0.000	0.000	0.000	0.000	0.000	0.000
2	2.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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39	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000
81	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82	0.000	0.000	0.000	0.000	0.000	0.000	0.000
83	0.000	0.000	0.000	0.000	0.000	0.000	0.000
84	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85	0.000	0.000	0.000	0.000	0.000	0.000	0.000
86	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87	0.000	0.000	0.000	0.000	0.000	0.000	0.000
88	0.000	0.000	0.000	0.000	0.000	0.000	0.000
89	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000	0.000	0.000
91	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92	0.000	0.000	0.000	0.000	0.000	0.000	0.000
93	0.000	0.000	0.000	0.000	0.000	0.000	0.000
94	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98	0.000	0.000	0.000	0.000	0.000	0.000	0.000
99	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	1,473 ac. ft.	0.00 ac. ft.	0.00 ac. ft.	0.00 ac. ft.	0.00 ac. ft.	0.00 ac. ft.	0.00 ac. ft.

Legend

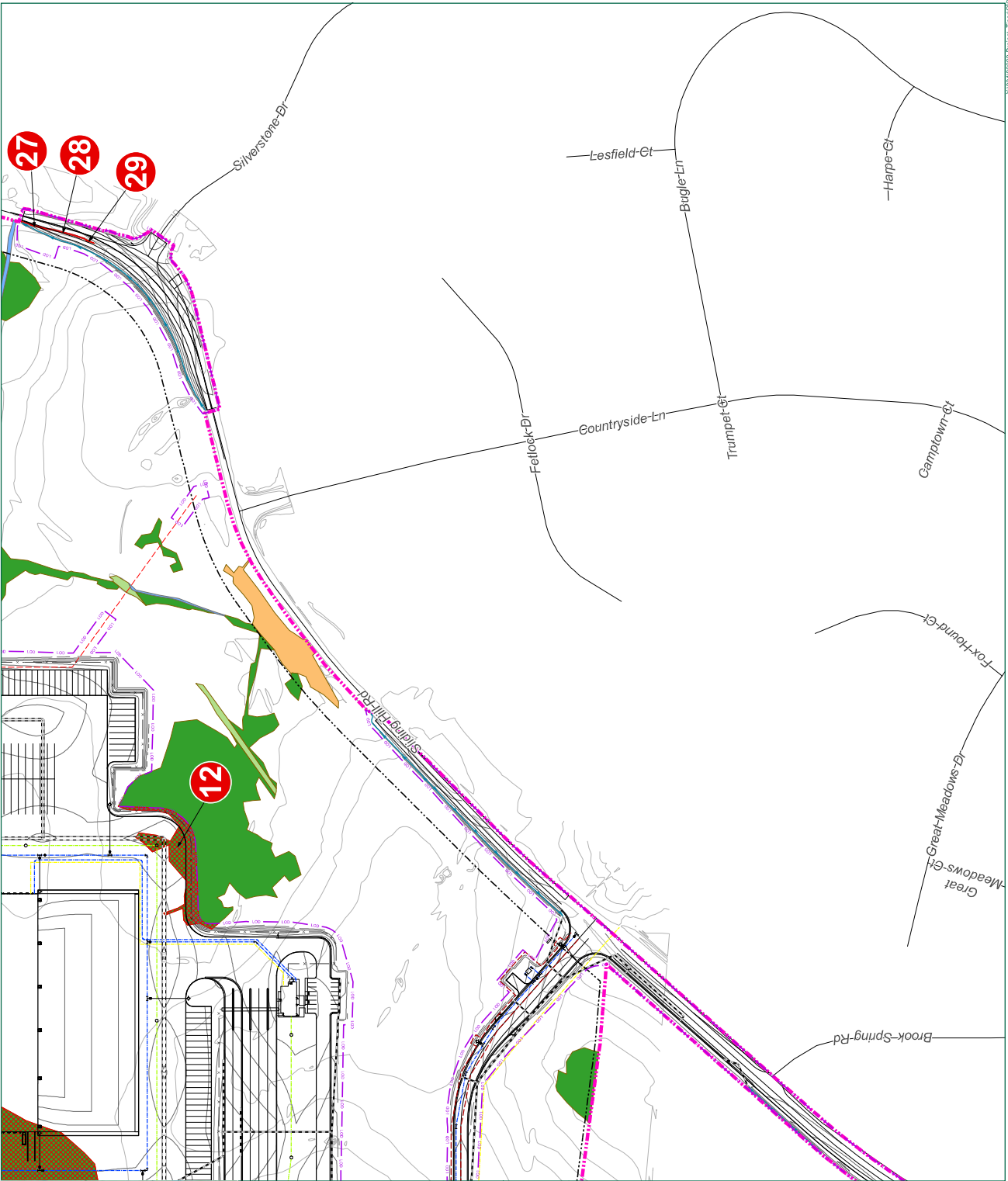
Project Study Limits - 219.6 Acres
Limits of Disturbance - 128.5 Acres

Wetland/Ditch Impact

- Permanent Wetland/Ditch Impact
- Temporary Wetland/Ditch Impact
- Secondary Wetland/Ditch Impact
- Palustrine Forested (PFO) Wetlands
- Palustrine Emergent (PEM) Wetlands
- Palustrine Scrub-Shrub (PSS) Wetlands
- Ditch

Proposed RIPRAP

- Property Setback
- Proposed Fence
- Proposed Ditch
- Proposed Utility Easement
- Proposed Culverts
- Proposed UGP
- Proposed Sanitary Sewer
- Proposed Gas Pipe
- Proposed Water Pipe
- Proposed Grading
- Existing Grading



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YOUR VISION ACHIEVED THROUGH OURS.
1801 Boulder Parkway, Suite 300
Richmond, VA 23225
TEL: 804.200.8500
www.timmons.com

WEGMANS DISTRIBUTION CENTER
HANOVER COUNTY, VIRGINIA

POINT: 04/06/2020
PROJECT NUMBER: 43977
PROJECT NAME: WEGMANS DISTRIBUTION CENTER
DESIGNER: A. M. F. HOLD

NAME:
1. Project limits are approximate.
2. Wetland delineation is based on USGS data.
3. Wetland delineation is based on USGS data.

REVISIONS

NO.	DATE	DESCRIPTION
1	04/06/2020	Initial Design

WETLANDS AND WATERS IMPACTS MAP

SCALE (FEET)
0 100 200
AS SHOWN ON THIS MAP, SCALE
H: 1" = 100'

1

Wetlands & Waters Impact Information (10/7/2020)

Impact ID	Wetland/Water Impact Description*	Wetland Impact Area		Ditch Impact Area		Apprx. Vol. of Fill below OHW	Cowardin Classification of Impacted Wetland/Water	Average Stream Flow	Drainage Area	DEQ Classification of Impacted Resource
(1,2, etc.)		s.f.	acres	L	s.f.	c.y.	(PEM, PSS, etc.)	c.f.s.	sq. mile	
1	F,NT,PE,V	22,550	0.52				PFO	n/a	n/a	VII
2A	F,NT,PE,V	8,496	0.20				PFO	n/a	n/a	VII
2B	F,NT,PE,V	2,650	0.06				PEM	n/a	n/a	VII
3A	F,NT,PE,V	5,705	0.13				PFO	n/a	n/a	VII
3B	F,NT,PE,V				574		Ditch	n/a	n/a	VII
4A	NT,PE,V, Secondary	22,223	0.51				PFO	n/a	n/a	VII
4B	NT,PE,V, Secondary				357		Ditch	n/a	n/a	VII
5	F,NT,PE,V	3,085	0.07				PFO	n/a	n/a	VII
6	NT,PE,V, Secondary	37,607	0.86				PFO	n/a	n/a	VII
7	F,NT,PE,V	434,465	9.97				PFO	n/a	n/a	VII
8A	F,NT,PE,V	15,038	0.35				PFO	n/a	n/a	VII
8B	F,NT,PE,V				505		Ditch	n/a	n/a	VII
9A	F,NT,PE,V	5,247	0.12				PEM	n/a	n/a	VII
9B	F,NT,PE,V	2,734	0.06				PFO	n/a	n/a	VII
10	F,NT,PE,V	197	0.00				PFO	n/a	n/a	VII
11	F,NT,PE,V	3,465	0.08				PFO	n/a	n/a	VII
12	F,NT,PE,V	10,864	0.25				PFO	n/a	n/a	VII
13	F,NT,PE,V	23,924	0.55				PFO	n/a	n/a	VII
14	F,NT,PE,V	1,954	0.04				PFO	n/a	n/a	VII
15	F,NT,PE,V	1,307	0.03				PFO	n/a	n/a	VII
16	F,NT,PE,V	2,199	0.05				PEM	n/a	n/a	VII
17	F,NT,PE,V	2,462	0.06				PFO	n/a	n/a	VII
18A	F,NT,PE,V	6,179	0.14				PFO	n/a	n/a	VII
18B	NT,PE,V, Secondary	13	0.00				PFO	n/a	n/a	VII
19	F,NT,PE,V	1,524	0.03				PFO	n/a	n/a	VII
20A	F,NT,PE,V				3607		Ditch	n/a	n/a	VII
20B	NT,PE,V, Secondary				416		Ditch	n/a	n/a	VII
21	F,NT,PE,V	10,252	0.24				PFO	n/a	n/a	VII
22	F,NT,PE,V	9,003	0.21				PFO	n/a	n/a	VII
23	F,NT,PE,V				1378		Ditch	n/a	n/a	VII
24	F,NT,PE,V	1,491	0.03				PFO	n/a	n/a	VII
25A	F,NT,PE,V	1,276	0.03				PFO	n/a	n/a	VII
25B	NT,PE,V, Secondary	2,741	0.06				PFO	n/a	n/a	VII
26	NT,TE,V	1,473	0.03				PEM	n/a	n/a	VII
27	F,NT,PE,V	48	0.00				PFO	n/a	n/a	VII
28	F,NT,PE,V				250		Ditch	n/a	n/a	VII
29	F,NT,PE,V	29					PFO	n/a	n/a	VII
Total		640,201	14.70	0	7,087					

* Use all that apply: F-fill, EX-excavation, S-Structure, T-tidal, NT-non-tidal, TE-temporary, PE-permanent, PR-perennial, IN-intermittent, EP-ephemeral, SB-subaqueous bottom, DB-Dune/Beach, IS-hydrologically isolated, V-vegetated, NV-non-vegetated, MC-mechanized clearing of PFO

Required Compensatory Mitigation			
Cowardin	s.f.	acres	Credits
Permanent PFO	628,632	14.43	28.86
Permanent PEM	10,096	0.23	0.23
Permanent Ditch	7,087	0.16	0.32
Total Compensation:	645,815	14.80	29.41

October 8, 2020

Ms. Jaime Robb
Regional Virginia Water Protection Manager
Virginia Department of Environmental Quality
4949-A Cox Road
Richmond, Virginia 23236

Re: Joint Permit Application Number 19-2036, Wegmans Distribution Center, Hanover County, Virginia, Additional Information Request Letter (dated 10/7/2020).

Ms. Robb,

In addition to previously submitted information, please find responses to the items requested by the Virginia Department of Environmental Quality (DEQ) in an Additional Information Request made via letter on 7 October 2020 regarding the Joint Permit Application for the Wegmans Distribution Center in Hanover County.

Comments below from DEQ (blue) with responses (in black):

Regarding the offsite alternatives analyses, please provide additional details explaining why the following site improvements are necessary for each alternative site:

a. Alternative 1 (Flippo):

i. Sanitary Trunk Sewer Extension Along Little River

There are no existing gravity sewer mains within the immediate vicinity of the Flippo site that could be extended to provide sanitary service. As such, a sanitary trunk main would need to be extended from the existing wastewater treatment plant located at the confluence of the Little and North Anna rivers, to the southeast of the Flippo site.

ii. I-95 Bore for Sanitary Main Extension

Since the sanitary trunk main extension would need to cross the I-95 right-of-way, a directional bore will be needed.

b. Alternative 2 (Blenheim)

i. Sanitary Pump Station and Force Main

There are no existing gravity sewer mains within the immediate vicinity of the Blenheim site that could be extended to provide sanitary service. The closest tie-in to a public sanitary sewer main is at the intersection of Route 1 and Jamestown Road in the town of Ashland. Due to topographic constraints, a sanitary force main installation would be necessary to provide sanitary service from the site to the gravity sewer tie-in. A pump station is a necessary component of a force main system.

ii. I-95 Bore for Force Main Extension

Since the sanitary force main extension would need to cross the I-95 right-of-way, a directional bore will be needed. Hickory Hill Road is an overpass of I-95. It is

anticipated that running the force main underneath the bridge crossings would not be allowed by DPU due to health concerns.

iii. **Road Improvements for Ellet's Crossing and Hickory Hill Road**

Ellet's Crossing and Hickory Hill Roads are local country roads that would need to be significantly improved in order to handle the anticipated truck traffic that would be directed to and from the site. A list of inadequacies regarding the existing road sections include, but are not limited to: pavement section thickness, pavement section width, turn lane construction, road drainage concerns and outfall conditions, and potential ROW acquisition. Stormwater BMP's may also be necessary to accommodate the increase in impervious area that the improvements would generate.

iv. **12" Water Main Extension Along Hickory Hill Road**

The closest public water source is an existing 12" water main in Ellet's Crossing. In order to serve the Blenheim site, a water main extension would need to be installed.

v. **I-95 Bore for Water Main Extension**

Since the sanitary force main extension would need to cross the I-95 right-of-way, a directional bore will be needed. Hickory Hill Road is an overpass of I-95. It is anticipated that running the water main underneath the bridge crossings would not be allowed by DPU due to freeze concerns.

c. **Alternative 3 (Archie Cannon)**

i. **Extension of Hill Carter Parkway**

Extension of Hill Carter Parkway was an improvement requested by the Town of Ashland as a condition for utilizing the Archie Cannon site. The area where the road would be extended is currently a vacant parcel. Design and Construction would need to start at the due diligence and planning phase and progress all the way through final completion.

ii. **Signalization of Archie Cannon Drive and Route 1**

Signalization of Archie Cannon Drive and Route 1 was a requested improvement by the Town of Ashland in order to appropriately deal with the increase in traffic coming to and from the distribution center site.

iii. **Sanitary Sewer Relocation**

There is an existing sanitary sewer main that runs through the proposed footprint of the distribution center. It would need to be relocated in order to facilitate building construction.

d. **Alternative 4 (Graymont)**

i. **Sanitary Pump Station and Force Main**

There are no existing gravity sewer mains within the immediate vicinity of the Blenheim site that could be extended to provide sanitary service. The closest tie-in to a public sanitary sewer main is at the intersection of Route 1 and Jamestown Road in the town of Ashland. Due to topographic constraints, a sanitary force main installation would be necessary to provide sanitary service from the site to the gravity sewer tie-in. A pump station is a necessary component of a force main system.

ii. **Site retaining wall**

Due to on-site topographic constraints, and the desire to have a relatively flat site conducive to distribution center activities, a large retaining wall would need to be constructed to cut out the existing drop in elevation across the proposed building pad.

iii. **Road Improvements for Ellet's Crossing and Hickory Hill Road**

Ellet's Crossing and Hickory Hill Roads are local country roads that would need to be significantly improved in order to handle the anticipated truck traffic that would be directed to and from the site. A list of inadequacies regarding the existing road sections include, but are not limited to: pavement section thickness, pavement section width, turn lane construction, road drainage concerns and outfall conditions, and potential ROW acquisition. Stormwater BMP's may also be necessary to accommodate the increase in impervious area that the improvements would generate.

For road improvements, please describe the current road conditions and configurations and what improvements are necessary to enable the use of the site for a distribution center. For water and sewer utility improvements, please describe what unique factors about the site necessitate the installation of force mains and pump stations. Such information may include but is not limited to, topographic limitations, geographic locations relative existing utilities, and volume of anticipated usage. Please explain if any of these improvements are a requirement of the locality or the Virginia Department of Transportation or are necessary to conform to the standards of these organizations.

Thank you for your attention to this project. Please contact Matt Neely at (804) 200-6369 or matt.neely@timmons.com if there are any questions and/or if additional information is required.

Sincerely,
Timmons Group

A handwritten signature in black ink, appearing to read "Matthew A. Neely", with a stylized flourish at the end.

Matt Neely, PWD
Senior Environmental Project Manager

CC: Bryan Jones (DEQ)
Todd Miller (USACE)
Tom Walker (USACE)
Elaine Holley (USACE)
Doug Viets (Wegmans)

Jones, Bryan (DEQ)

From: Matt Neely <Matt.Neely@timmons.com>
Sent: Friday, October 9, 2020 1:40 PM
To: bryan.jones@deq.virginia.gov
Subject: Air Park Associates Address

Bryan

As requested, please see the below address information.

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:

Air Park Associates, L.P.

c/o Phillip W. Dean

~~11277 Air Park Road~~

~~Ashland, Virginia 23005~~

2301 WADEBRIDGE RD.
MIDDLETON, VA 23113

Regards,

Matt Neely, PWD

Senior Environmental Project Manager

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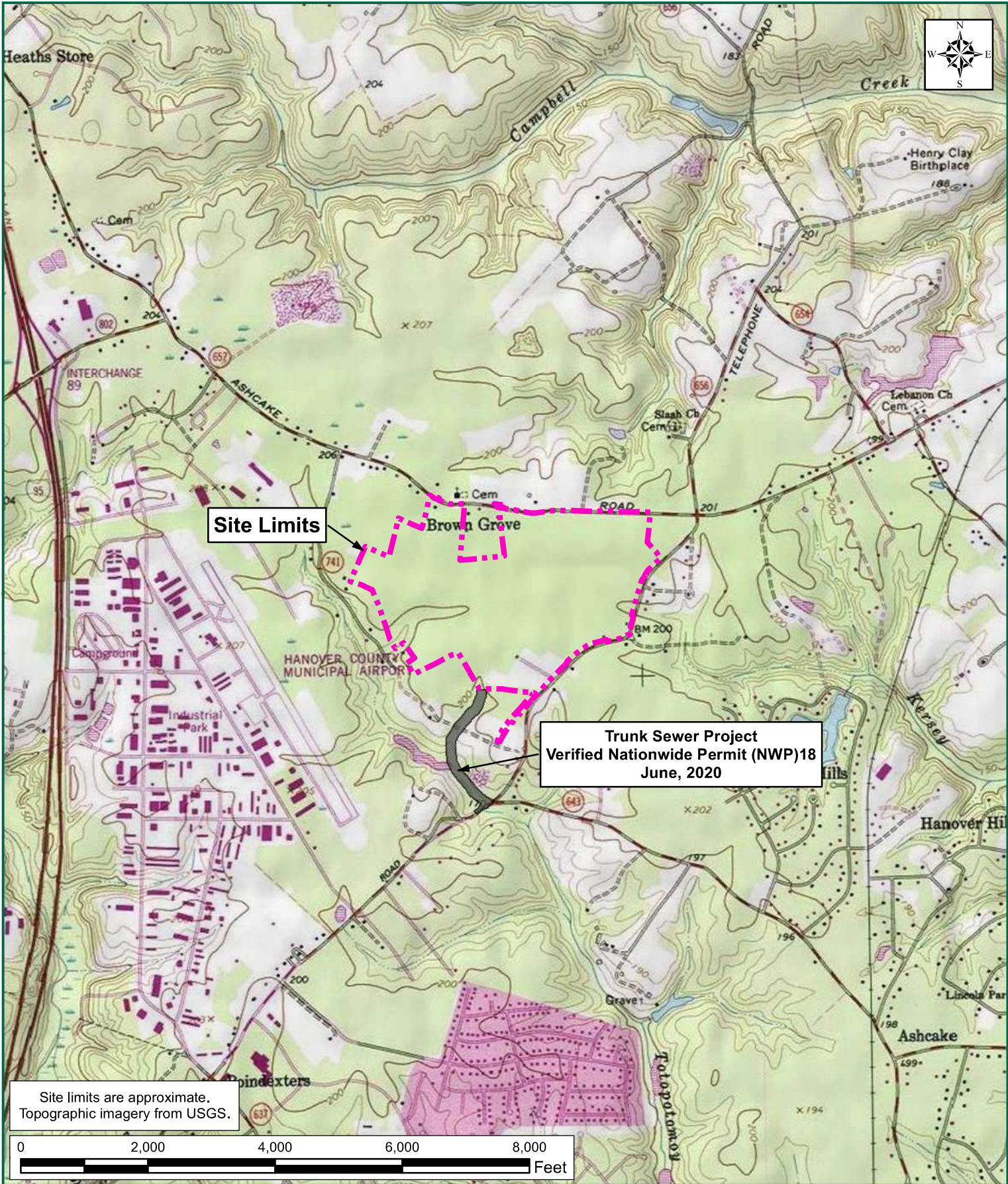
1001 Boulders Parkway, Suite 300 | Richmond, VA 23225

Office: 804.200.6369 | Fax: 804.560.1648

Mobile: 757.329.0573 | matt.neely@timmons.com

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WEGMANS DISTRIBUTION CENTER
HANOVER COUNTY, VIRGINIA
FIGURE 1: VICINITY MAP

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TIMMONS GROUP JOB NUMBER: 43977
PROJECT STUDY LIMITS: 219.6 ACRES
LATITUDE: 37.712197
LONGITUDE: -77.423427

U.S.G.S. QUADRANGLE(S): YELLOW TAVERN
DATE(S): 1975
WATERSHED(S): PAMUNKEY
HYDROLOGIC UNIT CODE(S): 02080106

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